AUTODOC CLUB

How to change engine oil and filter on **Nissan X Trail T30 petrol** – replacement guide

VIDEO TUTORIAL

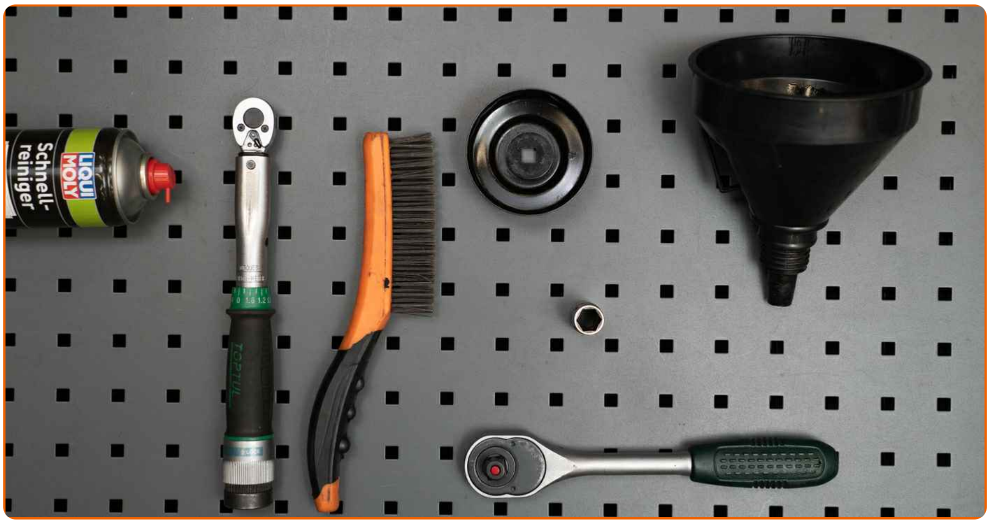


Important!

This replacement procedure can be used for:
NISSAN 200SX (S14) 2.0 i 16V Turbo, NISSAN Maxima IV QX Saloon (A32) 2.0, NISSAN 370Z Roadster (Z34) 3.7, NISSAN Almera I Hatchback (N15) 2.0 GTi, NISSAN Micra IV Hatchback (K13) 1.2, NISSAN Micra IV Hatchback (K13) 1.2 DIG-S, NISSAN Maxima IV QX Saloon (A32) 3.0, NISSAN Primera Saloon (P11) 2.0 16V, NISSAN Primera Hatchback (P11) 2.0 16V, NISSAN Primera Estate (WP11) 2.0 16V, NISSAN Pathfinder II (R50) 3.3 V6 4WD, NISSAN Pathfinder II (R50) 2.7 TD 4WD, NISSAN Patrol GR V Off-Road (Y61) 4.5 i, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0, (+ 123)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – NISSAN X TRAIL T30. TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 14
- Oil filter cup socket 65-14F
- Ratchet wrench
- Oil drain pan
- Funnel
- Fender cover

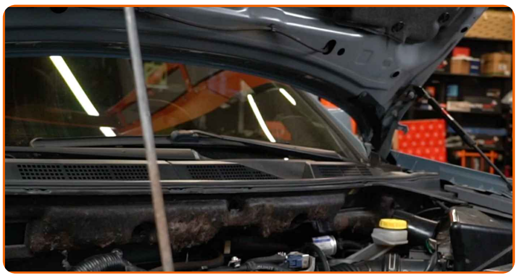
BUY TOOLS

Replacement: engine oil and filter – Nissan X Trail T30. AUTODOC experts recommend:

- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – Nissan X Trail T30 – should be done with the engine switched off.

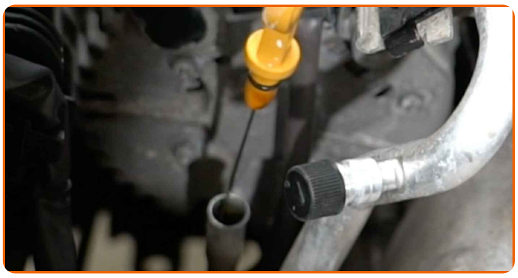
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Pull up the oil dipstick.



4 Unscrew the oil filler plug.



5 Lift the car using a jack or place it over an inspection pit.



Replacement: engine oil and filter – Nissan X Trail T30. Professionals recommend:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

6 Put a waste oil container with at least 5 l capacity under the drainage hole.



7 Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.



8 Unscrew the drain plug. Use a drive socket #14. Use a ratchet wrench.



9 Drain the used oil.



Replacement: engine oil and filter – Nissan X Trail T30. Tip from AUTODOC:

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

10 Clean the oil filter. Use all-purpose cleaning spray.



11 Unscrew the oil filter. Use the 65-14F socket. Use a ratchet wrench.



12 Remove the oil filter.



13 Clean the oil filter seat. Use all-purpose cleaning spray.



14 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



15 Install a new oil filter.



16 Tighten the oil filter. Remember to observe the recommended tightening torque. Use the 65-14F socket. Use a torque wrench. Tighten it to 24 Nm torque.



17 Clean the oil filter. Use all-purpose cleaning spray.



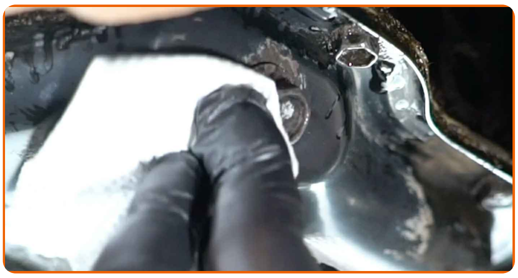
18 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



19 Screw in the new drainage plug and tighten it. Use a drive socket #14. Use a torque wrench. Tighten it to 30 Nm torque.



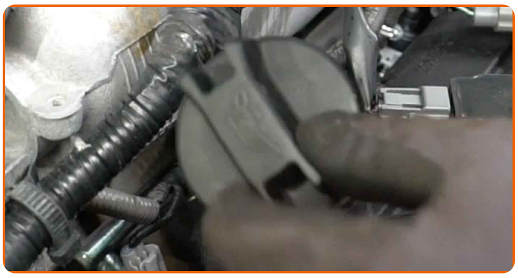
20 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



21 Lower the car.



22 Remove the oil filler cap.



23 Insert the funnel.



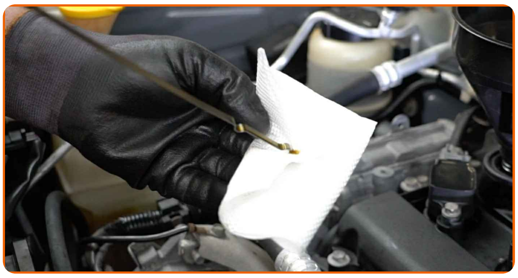
24 Pour oil into the engine through the filler. Required amount of oil: 3.9 l.



Replacement: engine oil and filter – Nissan X Trail T30. AUTODOC experts recommend:

- Use the oil recommended by the manufacturer.

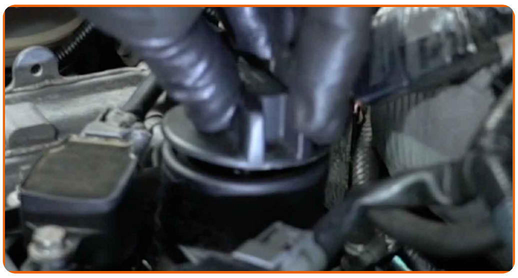
25 Check the oil level using the dipstick. Top up oil if necessary.



Please note!

- The oil level should be between the Min and Max marks.

26 Install the oil filler cap.



27 Tighten the oil filler cap.



28 Run the engine for a few minutes.



29 After the oil pressure warning light goes out, stop the engine.

Replacement: engine oil and filter – Nissan X Trail T30. AUTODOC recommends:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.

30 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

31 Remove the fender protection cover.

32 Close the hood.



Replacement: engine oil and filter – Nissan X Trail T30. Tip from AUTODOC experts:

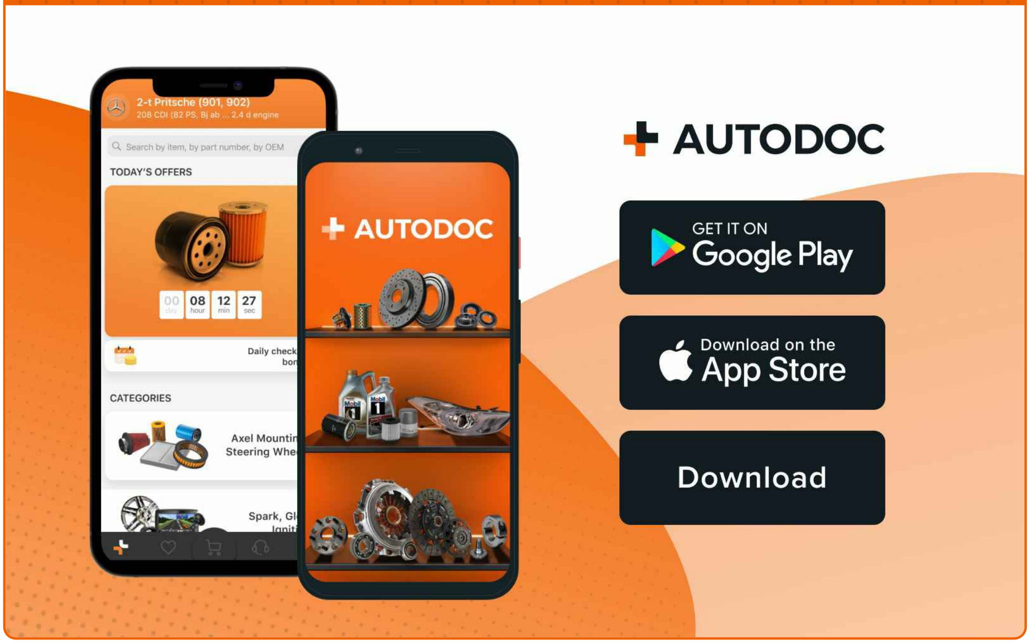
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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